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Attorney Matter No. 82531

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re patent application of:

KASPIT et al. Confirmation No. 7522

Serial No. 10/681,249 Art Unit: 3663

Attorney Docket No. 82531

Filed: October 9, 2003 Examiner: BOLDA, Eric L.

For: **TWO STAGE OPTICAL AMPLIFIER**

TRANSMITTAL LETTER

Mail Stop AF
Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

Sir:

Submitted herewith for filing in the U.S. Patent and Trademark Office is the following:

(1) This Transmittal Letter; and
(2) Response and Amendment under 37 CFR §1.116(b).

If an Extension of Time under 37 CFR §1.136 is required and has not been separately petitioned, please consider this Transmittal Letter as including a petition for such Extension of Time and as a further authorization to charge any fee for such Extension of Time, as may be required by 37 CFR §1.17, to Deposit Account No. 14-0112. Also, please charge any fee deficiency, or credit any overpayment, in connection with this matter to Deposit Account No. 14-0112.

Respectfully submitted,

Date: September 29, 2006
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RESPONSE AND AMENDMENT UNDER 37 CFR 1.116(b)

Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

Sir:

This is a full and complete response to the Final Office Action having a mailing date of August 1, 2006, and is being filed within TWO MONTHS thereof. In the Office Action, the Examiner stated that certain claims would be allowable if rewritten in independent form. This Amendment does just that, and thus it should place this case in condition for allowance and should be entered pursuant to 37 CFR 1.116(b). In view of the following amendments and remarks, the Examiner is respectfully requested to reconsider and withdraw the outstanding rejections and allow all claims presently pending in the application.

Amendments to the Claims begin on page 2 of this paper.

Remarks begin on page 7 of this paper.